

Storm Data and Unusual Weather Phenomena - April 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
NEW MEXICO, Southeast				
LEA COUNTY				
TATUM	04/29/07 09:44 MST	0		Thunderstorm Wind (MG 51 kt)
	04/29/07 09:44 MST	0		33.25N, 103.32W
An upper level low pressure system located over northern portions of Mexico in combination with east to southeast surface winds pulling in abundant amounts of Gulf moisture and providing upslope flow, led to the development of showers and thunderstorms across west Texas and southeastern New Mexico.				
During the overnight hours on early Sunday morning, showers and thunderstorms moved out of northern Mexico into southwest Texas. Additional thunderstorms developed over the higher elevations of southwest Texas leading to pre-sunrise severe weather in the form of hail and flash flooding across the southwest portions of the County Warning Area. As the morning progressed, a large area of embedded showers and thunderstorms moved northeastward across southeastern New Mexico and the Texas Permian Basin producing occasional severe weather, before exiting into the South Plains of West Texas.				
With antecedent conditions remaining in place, the additional boundaries left by morning convection and daytime heating led to thunderstorm re-development by early Sunday afternoon and a significant severe weather event that affected much of the area into the pre-dawn hours on Monday morning.				
TEXAS, West				
SCURRY COUNTY				
SNYDER	04/17/07 12:26 CST	0		Hail (1.75 in)
	04/17/07 12:30 CST	0		32.72N, 100.9W
Pea to golfball size hail was reported in Snyder.				
SCURRY COUNTY				
HERMLEIGH	04/17/07 13:00 CST	0		Hail (1.50 in)
	04/17/07 13:00 CST	0		32.63N, 100.75W
SCURRY COUNTY				
SNYDER	04/17/07 13:17 CST	10K		Flash Flood (due to Heavy Rain)
	04/17/07 16:00 CST	0		32.72N, 100.9W
The Snyder Daily News reported two motorists stranded by high water. One motorist was stuck under the College Avenue bridge. The other motorists location was not disclosed.				
SCURRY COUNTY				
1.5 SSW KNAPP	04/17/07 13:40 CST	0		Hail (1.00 in)
	04/17/07 13:40 CST	0		32.63N, 101.13W
MITCHELL COUNTY				
2.0 NNW COLORADO CITY	04/17/07 14:10 CST	0		Thunderstorm Wind (EG 61 kt)
	04/17/07 14:10 CST	0		32.4267N, 100.863W
No damage was reported.				
SCURRY COUNTY				
3.0 E SNYDER	04/17/07 14:40 CST	0		Thunderstorm Wind (MG 58 kt)
	04/17/07 14:40 CST	0		32.72N, 100.848W
The West Texas Mesonet station three miles east of Snyder recorded a 67 mph wind gust. No damage was reported.				
A very cold upper level low, plenty of moisture, and a surface boundary combined to produce severe thunderstorms across the western low rolling plains of west Texas.				
MIDLAND COUNTY				

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GREENWOOD	04/23/07 16:18 CST		0	Hail (1.75 in)
	04/23/07 16:18 CST		0	32N, 101.92W
MARTIN COUNTY				
STANTON	04/23/07 16:25 CST		0	Hail (0.88 in)
	04/23/07 16:30 CST		0	32.13N, 101.8W
MARTIN COUNTY				
3.0 NE STANTON	04/23/07 16:50 CST		0	Hail (0.88 in)
	04/23/07 16:50 CST		0	32.1607N, 101.764W
Penny to nickel size hail was covering Interstate 20 northeast of Stanton.				
HOWARD COUNTY				
BIG SPRING	04/23/07 17:16 CST		0	Hail (0.75 in)
3.0 NNE BIG SPRING	04/23/07 17:19 CST		0	32.25N, 101.47W ~ 32.2901N, 101.45W
HOWARD COUNTY				
1.0 N COAHOMA	04/23/07 17:34 CST		0	Hail (1.75 in)
	04/23/07 17:34 CST		0	32.3145N, 101.3W
BORDEN COUNTY				
GAIL	04/23/07 17:40 CST		0	Hail (1.75 in)
	04/23/07 17:40 CST		0	32.77N, 101.43W
SCURRY COUNTY				
KNAPP	04/23/07 17:58 CST		0	Hail (0.75 in)
	04/23/07 17:58 CST		0	32.65N, 101.12W
MITCHELL COUNTY				
COLORADO CITY ARPT	04/23/07 18:14 CST		0	Hail (1.75 in)
	04/23/07 18:14 CST		0	32.42N, 100.82W
Golfball size hail fell at the intersection of Texas Highway 208 and Airport Road.				
MITCHELL COUNTY				
COLORADO CITY ARPT	04/23/07 18:38 CST		0	Hail (1.75 in)
	04/23/07 18:38 CST		0	32.42N, 100.82W
Golfball size hail fell at the airport.				
MITCHELL COUNTY				
2.5 N COLORADO CITY	04/23/07 18:40 CST		0	Hail (1.75 in)
	04/23/07 18:40 CST		0	32.4361N, 100.85W
MITCHELL COUNTY				
4.0 E COLORADO CITY	04/23/07 18:43 CST		8K	Tornado (EF0, L: 4.00 mi , W: 50 yd)
8.0 E COLORADO CITY	04/23/07 18:56 CST		0	32.4N, 100.781W ~ 32.4N, 100.713W
A damage survey conducted by the National Weather Service determined that a tornado touched down just north of the intersection of Interstate 20 and southbound Texas Highway 208 near Colorado City and continued to parallel the Interstate to just northwest of Lorraine. This tornado remained over open fields inaccessible by roadways at its maximum intensity. Some damage found to a field irrigation system, power poles and vegetation led the damage survey team to assign an EF0 rating to this tornado.				
MITCHELL COUNTY				
3.0 N LORAIN	04/23/07 18:50 CST		0	Hail (1.75 in)
	04/23/07 18:50 CST		0	32.4634N, 100.72W
Golfball size hail fell two miles north of Lone Wolf Mountain.				
A southern stream shortwave trough approaching southwestern Texas enhanced thunderstorm development along and east of the dryline. Deep layer shear was quite strong and allowed a tornado to develop in Mitchell county.				

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BREWSTER COUNTY				
LAJITAS	04/28/07 17:32 CST		0	Hail (0.88 in)
	04/28/07 17:32 CST		0	29.28N, 103.78W
BREWSTER COUNTY				
1.0 NE LAJITAS	04/28/07 18:03 CST		0	Hail (1.00 in)
	04/28/07 18:03 CST		0	29.2902N, 103.768W
BREWSTER COUNTY				
CASTOLON	04/28/07 18:21 CST		0	Hail (1.50 in)
	04/28/07 18:21 CST		0	29.13N, 103.52W
BREWSTER COUNTY				
6.0 NNW PANTHER JUNCTION	04/28/07 19:32 CST		0	Flash Flood (due to Heavy Rain)
	04/28/07 22:00 CST		0	29.3801N, 103.338W
Two feet of water flowed over Big Bend National Park Route 15 north-northwest of Panther Junction.				
An upper level low over western Mexico resulted in severe weather across the Big Bend region of west Texas.				
BREWSTER COUNTY				
20.0 NE LAJITAS	04/29/07 04:00 CST		0	Hail (0.88 in)
	04/29/07 04:00 CST		0	29.4845N, 103.545W
BREWSTER COUNTY				
CASTOLON	04/29/07 06:00 CST		0	Flash Flood (due to Heavy Rain)
	04/29/07 09:00 CST		0	29.13N, 103.52W
Big Bend National Park staff reported one to two feet of water flooding Castalon Canyon.				
JEFF DAVIS COUNTY				
FT DAVIS	04/29/07 10:36 CST		0	Hail (1.00 in)
	04/29/07 10:36 CST		0	30.58N, 103.88W
JEFF DAVIS COUNTY				
2.5 SSE FT DAVIS	04/29/07 10:40 CST		0	Tornado (EF0, L: 0.90 mi , W: 300 yd)
1.6 SSE FT DAVIS	04/29/07 10:45 CST		0	30.5466N, 103.864W ~ 30.5586N, 103.87W
The emergency manager in Jeff Davis county reported a tornado just south of the intersection of Texas Highways 166 and 17. Tornado remained in open country and did no visible damage.				
WARD COUNTY				
6.0 ENE MONAHANS	04/29/07 11:00 CST		0	Flash Flood (due to Heavy Rain)
GRANDFALLS	04/29/07 14:00 CST		0	31.6132N, 102.806W ~ 31.33N, 102.87W
Five to six inches of water flowed over the road into Monahans Sandhills State Park. Also, in Grandfalls on Texas Highway 18, six to twelve inches of water flowed over the road.				
JEFF DAVIS COUNTY				
17.0 NNW FT DAVIS	04/29/07 11:44 CST		0	Hail (1.00 in)
	04/29/07 11:44 CST		0	30.8071N, 103.989W
Quarter size hail fell at the intersection of Texas Highway 17 and Farm to Market Road 1832.				
PECOS COUNTY				
BAKERSFIELD	04/29/07 11:44 CST		0	Flash Flood (due to Heavy Rain)
	04/29/07 16:00 CST		0	30.88N, 102.28W
Farm to Market Road 11 was impassable due to flooding. In addition, the Exxon Station in Bakersfield was flooded.				
JEFF DAVIS COUNTY				

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17.0 NNW FT DAVIS	04/29/07 11:58 CST		0	Tornado (EF0, L: 1.50 mi , W: 50 yd)
18.5 NNW FT DAVIS	04/29/07 12:03 CST		0	30.8071N, 103.989W ~ 30.8271N, 103.999W
A tornado was reported near the Buffalo Trail Boy Scout Camp north-northwest of Fort Davis.				
JEFF DAVIS COUNTY				
22.0 NNE FT DAVIS	04/29/07 11:58 CST		0	Hail (0.88 in)
	04/29/07 11:58 CST		0	30.8738N, 103.738W
Nickel size hail fell on Texas Highway 17 on the Jeff Davis/Reeves County line.				
REEVES COUNTY				
6.0 SSW BALMORHEA	04/29/07 11:58 CST		0	Hail (0.88 in)
TOYAHVALE	04/29/07 11:58 CST		0	30.8999N, 103.769W ~ 30.93N, 103.78W
Nickel size hail fell in a swath along Texas Highway 17 from the Jeff Davis/Reeves County line to Toyahvale.				
CULBERSON COUNTY				
1.0 S KENT	04/29/07 12:00 CST		0	Hail (0.88 in)
	04/29/07 12:00 CST		0	31.0555N, 104.22W
Nickel hail fell on the Culberson/Jeff Davis county line on Texas Highway 118.				
CULBERSON COUNTY				
7.0 E PLATEAU	04/29/07 12:00 CST		0	Hail (2.00 in)
	04/29/07 12:00 CST		0	31.07N, 104.432W
Two inch diameter hail fell along Interstate 10 east of the Plateau Truckstop.				
JEFF DAVIS COUNTY				
36.0 NNE VALENTINE	04/29/07 12:00 CST		0	Hail (0.88 in)
	04/29/07 12:00 CST		0	31.0608N, 104.268W
Nickel size hail fell on the Culberson/Jeff Davis County line on Texas Highway 118.				
REEVES COUNTY				
TOYAHVALE	04/29/07 12:40 CST		0	Hail (1.00 in)
	04/29/07 12:40 CST		0	30.93N, 103.78W
ECTOR COUNTY				
ODESSA	04/29/07 15:11 CST		0	Flash Flood (due to Heavy Rain)
	04/29/07 21:00 CST		0	31.85N, 102.37W
Several thunderstorms produced heavy rain that resulted in flash flooding across the city of Odessa. One foot of water was flowing across the intersection of Texas Highway 302 and Farm to Market Road 1882 and across 22nd St. Andrews Highway and Yukon Road also were flooded. A high water rescue was conducted by the Odessa Fire Department at the intersection of Interstate 20 and Grandview where water was two and a half feet deep. The intersection of Knocks and 3rd Street had four to six inches of water flowing over the road.				
ECTOR COUNTY				
1.2 WSW PLEASANT FARMS	04/29/07 15:35 CST		0	Hail (1.75 in)
	04/29/07 15:35 CST		0	31.6735N, 102.339W
CULBERSON COUNTY				
1.0 W KENT	04/29/07 15:40 CST		0	Flash Flood (due to Heavy Rain)
	04/29/07 18:40 CST		0	31.07N, 104.237W
Water was flowing over a road just southwest of Kent.				
PECOS COUNTY				
1.4 W FT STOCKTON	04/29/07 16:31 CST		0	Hail (1.00 in)
	04/29/07 16:31 CST		0	30.88N, 102.893W
Quarter size hail fell on Interstate 10 west of Fort Stockton.				

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MIDLAND COUNTY				
MIDLAND	04/29/07 16:35 CST		0	Flash Flood (due to Heavy Rain)
	04/29/07 23:00 CST		0	32N, 102.08W
An off-duty NWS employee reported a foot of water on Bentwood Street between Thomason and Anetta and on Wadley near Midland Drive. The Midland Police Department reported that the intersection of East County Road 90 and South County Road 1160 was closed due to flooding. The Midland Fire Department reported eight inches of water flowing over the intersection of Loop 250 and Business 20. The Texas Department of Transportation closed Texas Highway 307 under Interstate 20 due to flash flooding.				
GLASSCOCK COUNTY				
12.0 S GARDEN CITY	04/29/07 17:00 CST		0	Hail (0.88 in)
	04/29/07 17:00 CST		0	31.6965N, 101.5W
MIDLAND COUNTY				
GREENWOOD	04/29/07 17:06 CST		0	Hail (1.00 in)
	04/29/07 17:06 CST		0	32N, 101.92W
Nickel to quarter size hail fell in Greenwood.				
BREWSTER COUNTY				
8.0 NE ALPINE	04/29/07 17:12 CST		0	Hail (1.75 in)
	04/29/07 17:12 CST		0	30.4518N, 103.575W
Golfball size hail fell along U.S. Highway 67 northeast of Alpine.				
PECOS COUNTY				
IMPERIAL	04/29/07 17:31 CST		0	Hail (1.75 in)
	04/29/07 17:36 CST		0	31.27N, 102.68W
Nickel to golfball size hail fell in Imperial.				
PECOS COUNTY				
1.0 NE BELDING	04/29/07 17:49 CST		0	Hail (0.75 in)
	04/29/07 17:49 CST		0	30.7902N, 103.008W
CRANE COUNTY				
10.0 S CRANE	04/29/07 18:18 CST		0	Hail (1.75 in)
0.7 S CRANE	04/29/07 18:40 CST		0	31.2554N, 102.35W ~ 31.39N, 102.35W
Quarter to golfball size hail fell in a swath south of Crane.				
HOWARD COUNTY				
BIG SPRING	04/29/07 18:20 CST		0	Flash Flood (due to Heavy Rain)
COAHOMA	04/29/07 22:00 CST		0	32.25N, 101.47W ~ 32.3N, 101.3W
Third and fourth streets in Big Spring were flooded with three feet of water. In addition Farm to Market Road 820 on the north side of Coahoma was flooded.				
PECOS COUNTY				
FT STOCKTON	04/29/07 18:20 CST		0	Flash Flood (due to Heavy Rain)
	04/29/07 22:00 CST		0	30.88N, 102.87W
Six to eight inches of water was flowing over roads in Fort Stockton.				
CRANE COUNTY				
CRANE	04/29/07 19:00 CST		0	Flash Flood (due to Heavy Rain)
	04/29/07 23:00 CST		0	31.4N, 102.35W
Several cars were stalled in one to two feet of water at the intersection of U.S. 385 and Texas Route 329.				
UPTON COUNTY				

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RANKIN	04/29/07 19:17 CST		0	Hail (0.88 in)
	04/29/07 19:17 CST		0	31.22N, 101.9W
MIDLAND COUNTY				
24.5 SSE MIDLAND	04/29/07 19:32 CST		0	Hail (0.88 in)
	04/29/07 19:36 CST		0	31.6728N, 101.921W
Nickel size hail fell in 60 to 65 mph winds on the Midland/Upton County line.				
MIDLAND COUNTY				
24.5 SSE MIDLAND	04/29/07 19:32 CST		0	Thunderstorm Wind (EG 56 kt)
	04/29/07 19:36 CST		0	31.6728N, 101.921W
A member of the media reported 60 to 65 mph winds along with nickel size hail on the Midland/Upton County line. No damage was reported.				
UPTON COUNTY				
9.0 WNW MIDKIFF	04/29/07 19:32 CST		0	Hail (0.88 in)
	04/29/07 19:36 CST		0	31.6798N, 101.991W
Nickel size hail fell in 60-65 mph winds on the Midland/Upton County line.				
UPTON COUNTY				
9.0 WNW MIDKIFF	04/29/07 19:32 CST		0	Thunderstorm Wind (EG 56 kt)
	04/29/07 19:36 CST		0	31.6798N, 101.991W
A member of the media reported 60 to 65 mph winds along with nickel size hail along the Midland/Upton County line. No damage was reported.				
CRANE COUNTY				
CRANE	04/29/07 20:30 CST		0	Hail (1.00 in)
	04/29/07 20:30 CST		0	31.4N, 102.35W
An upper level low pressure system located over northern portions of Mexico in combination with east to southeast surface winds pulling in abundant amounts of Gulf moisture and providing upslope flow, led to the development of showers and thunderstorms across west Texas and southeastern New Mexico.				
During the overnight hours on early Sunday morning, showers and thunderstorms moved out of northern Mexico into southwest Texas. Additional thunderstorms developed over the higher elevations of southwest Texas leading to pre-sunrise severe weather in the form of hail and flash flooding across the southwest portions of the County Warning Area. As the morning progressed, a large area of embedded showers and thunderstorms moved northeastward across southeastern New Mexico and the Texas Permian Basin producing occasional severe weather, before exiting into the South Plains of West Texas.				
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GAINES COUNTY				
SEAGRAVES	04/30/07 14:32 CST		0	Hail (1.00 in)
	04/30/07 14:32 CST		0	32.93N, 102.55W
An upper level low over far west Texas moved eastward over west Texas and combined with abundant low level moisture to produce thunderstorms across west Texas.				